THE COUNTREY ALMANACK,

For the Year 1677.

Suited to the several Capacities, Humours, and Occasions of Gentlemen, Scholars, Travellers, and Husbandmen, &c.

And accompanied with Remarks in Verse, upon every Month in the Year; pleasant, and not scurrilous.

To which are subjoyned,

Many Additionals, Old, and New; delightful to be read, and useful to be known.

Written by A. M.

Omne tulit punctum qui miscuit utile dulci.

LONDON,
Printed, by *A. M.* and *R. R.* for the Company of STATIONERS, 1677.

The PREFACE.

Reader,

I *Am fallen into thy hands the third time, to be used at thy discretion for another Year: How that will be, I am as unconcerned to know, as unable. If thou approvest what thou seest, so far as to use it, thou art heartily welcome; if not, please thy self with a better, and much good may it do thee. It involves little of the* Companies *interest, whether this or that go better off: nor much of the* Writers; *being at their stint, like the* Souldier *with his eight pence a day, kill or kill not. Though to speak the truth, my honest* Countrymen (*pleased with the Title or somewhat else*) *have hurried these pitiful Creatures out of* Booksellers Shops *and* Pedlars Stalls, *far beyond all expectation the two Years past: A respect not to be past over without signal gratitude; considering that their great* Diana *of weather-wisdom hath not vouchsafed to shew her face so much as once in them. If I could as easily do them good as wish it; yea, or as they might do it for themselves, They should live in peace and unity, passing by small trespasses, if not for Conscience, yet for Convenience sake; that they might enjoy themselves in quiet, (which people too much concerned, seldom do) or if they will needs squabble at home, yet they should not be so foolish as to maintain others (at vast rates) to do it for them elsewhere. I am so far from being an enemy to the Law, that I have an high veneration for learned and faithful* Lawyers; *but am very sorry that the number of such is comparatively so small, and of suits so great; and that poor men intrigled by cunning Snaps undo themselves and one another for three-half-penny matters. If they like not my counsel because its cheap, let them make use of that which is dearer, and see what they get by it. This troubles me most, that themselves are not like to be the only sufferers, nor perhaps the chief; but oft innocent posterity groans under the burdensom and sad effects of ---------- Ancestours unpersuadeableness. But enough of this; and more than many will thank me for.*

As

As to the additionals, they are of the same piece as formerly, viz. a medley of old and new (according to my Title) and (as is common in this case) some mine own originally, others borrowed; for we must not omit necessary things because others did them before we were born; nor essay to do that another way which cannot be mended. What is mine own, I am ready to defend as true, or to disclaim as false, according to the measures of impartial reason, when I meet with any sober endeavours to convince me.

Vale.

The Terms at *Oxford* begin and end this Year (according to the Scheme in their printed Statutes) as followeth.

Hillary Easter Trinity Michael.	Term begins	*Jan.* 14 *April* 25 *June* 13 *Octo.* 10	and ends	*April* 7. *May* 29. *no cert. day* *Decem.* 17

A passage out of the Postscript to the Royal Almanack for the last year, written by the directions of the most ingenious Sr *Jonas Moore*, for his Majesties use and at his command.

Instead of giving the foolish guesses of the weather hap-hazard, I shall acquaint you with that excellent Instrument the Baroscope, &c.

Since

	Years
Great *Jehovah* Heaven and Earth did found,	5626
For the sin of Man the World was drown'd.	3910
Babels Builders enterprize made void,	3838
Sodom and *Gomorrha* were destroy'd.	3579
Th' *Hebrews* out of *Ægypt*-Land did go,	3173
Grecian Armies *Troy* did overthrow.	2860
Solomon's rich Temple was erected,	2694
Brute came hither (though that's much suspected)	2784
London had her first Foundations laid,	2784
That same bloody City *Rome* was made.	2428
Alexander lost his vital breath,	2000
Christ redeem'd us by his pretious death.	1644
Titus did *Jerusalem* lay wast,	1607
England, first the Christian Faith embrac'd.	1487
Famous *Constantine* began to Reign,	1368
England was a Prey unto the *Dane*.	659
William Conquerour this Crown did gain,	611
His Son *Rufus* by an Arrow slain.	577
First *Bertoldus* caused Guns to roar,	299
Printing Scholars Shelves began to store.	237
Spain's Armado had a sore defeat,	89
Belzebub his Powder-fiends did cheat.	72
Charls his birth these Lands with joy did fill,	47
Cruel hands his Fathers blood did spill.	28
Oliver was first Protector call'd,	24
From that bondage we were disenthrall'd.	19
Noble *Booth* for th' King in *Cheshire* rose,	18
Monk began to undermine his foes.	18
Our dread Soveraign at *White-hall* arriv'd,	17
Justice *Regicides* of life depriv'd.	17
The Coronation-pomp was seen,	16
Donna Katherine became our Queen.	15
Th' last great Plague began in *London* Town,	12
By a dreadful fire 'twas burned down.	11
It began to be built up again Splendid and fair long may it so remain.	10

The twelve Signs, or Constellations of the Zodiack with the parts of Mans Body, said to be subject to them.

Aries, Head, and Face.	*Libra*, Reins, and Loyns.
Taurus, Neck, and Throat.	*Scorpio*, Secret Members.
Gemini, Arms, and Shoulders.	*Sagittarius*, the Thighs.
Cancer, Breast, and Stomach.	*Capricornus*, the Knees.
Leo, Heart, and Back.	*Aquarius*, the Legs.
Virgo, Bowels, and Belly.	*Pisces*, The Feet.

The Golden Number,	6	The Cycle of the Sun.	6
The Epact.	6	The Dominical Letter.	G

For Feasts, Fasts, Terms, and Eclipses, see the Kalender; concerning which, take these Notes.

1. The Numbers standing towards the right hand in the third Column, shew what Degree the Sun is in of the Sign last before named; by which also it is easie to Collect what Sign he is in on other days where there is not convenient room for inserting such Numbers.

2. In the fourth Division, or Column, are three small Columers, noted on the top thus, H. M. H. whereof the first Columet contains the hour of Sun-rising: the third, the hour of Sun-setting; and the middle shews the minutes that the Sun riseth after the one, and sets before the other. *Example, Jan.* 1. The Number, 8. 9. 4. signifie that the Sun riseth that day 9. minutes after 8. and sets 9. minutes before 4.

The rest are easie, ordinary things; yet to avoid hesitation, my Country Friend may imagine this Explanatory Scheme fixed on the head of every Month-page.

Day of the Month.	Day of the Week.	Feasts. Fasts. Terms, and Noted days. with the Suns place in the Eclip.	Suns rising, and setting, in hours and minutes.	The Sign, and Degree of the Zodiack, in which the Moon is.	Directions for Gardeners, for preparing ground, Planting, Sowing, Grafting, &c.

Full Moon the 8th. day, 15 min past 11 in the night.
Last quarter the 16th. day, 39 min. past 2 afternoon.
New Moon the 23d. day, 30 min past 5 in the morning.
First quarter the 30th. day, 1 min. past 3 afternoon.

			H	M	H		
1	a	N years d.	8	9	4	Tau. 0	This Month trench ground.
2	b	Cap. 2	8	8	4	12	Prepare soyl. Dig borders.
3	c	23	8	7	4	24	Uncover roots of Trees.
4	d	24	8	6	4	Gem. 6	Plant Quick-sets.
5	e	25	8	5	4	18	Transplant Fruit-trees,
6	f	Twelfth d.	8	4	4	Can. 0	set Vines, prune Vines, and
7	g	S. aft. Ep	8	2	4	12	Fruit-trees. Nail Wall fruit.
8	a	28	8	0	4	24	Gather Cyous. Cleanse
9	b	29	7	58	5	Leo 6	Trees of Moss, in moyst
10	c	30	7	56	5	18	weather.
11	d	Aquar. 1	7	55	5	Virg. 1	Set Beans, and Pease;
12	e	2	7	53	5	13	and sow for early Colly-
13	f	Hillary	7	52	5	26	flowers.
14	g	2 S.aft. Ep	7	51	5	Libra 9	Sow Chervil, Lettice, Ra-
15	a	4	7	50	5	22	dish, and other delicate sal-
16	b	5	7	48	5	Scor. 6	lettings, if you will raise in
17	c	6	7	46	5	20	the hot-bed.
18	d	7	7	44	5	Sag. 4	Set Traps for Vermine,
19	e	8	7	43	5	19	especially in Nurseries of
20	f	9	7	41	5	Cap. 3	Kernels, and Stones. Plant
21	g	3 S. aft. Ep	7	39	5	18	Anemonie roots.
22	a	11	7	37	5	Aqu. 3	Preserve them with Ran-
23	b	Term beg.	7	35	5	18	nuculus's sown in *September*,
24	c	13	7	34	5	Pis. 2	or *October*. Also Carnations,
25	d	Con. of S. P.	7	32	5	16	and such seeds as are in dan-
26	e	16	7	30	5	Aries 0	ger to be washed out or over-
27	f	17	7	28	5	13	chilled with continual Rains,
28	g	4 S.aft. Ep	7	26	5	26	Frosts, or Snow.
29	a	19	7	24	5	Tau. 8	
30	b	K. C. 1 m	20	7	22	5	20
31	c	21	7	20	5	Gem. 2	

Want ye a Servant *Sirs*? Behold me here
Preſt at your beck, to ſerve you all the year.
No Wages will I ask; earneſt will do,
When others will have that and Wages too.
No Meat, nor Drink, nor Fuel will I ſpend.
Your Goods I will not ſquander, give or lend.
The Coat wherewith you will me to be clad
Shall not offend me, be it good or bad.
Outlandiſh Silks, or *Engliſh* Tanned-Leather,
Come all to one, I do not value whether.
When you conſult me I ſhall ſpeak moſt plain,
And when you pleaſe I ſilent ſhall remain.
What quiet in your Houſes would it cauſe,
Would but your Wives conform unto ſuch laws?
But whither am I going? (ſilly Book!)
I ſhall be caſt into a duſty nook
By ſome ſmart Dame (if at this rate I talk)
While her brisk Tongue as currently doth walk
As any through-pac'd hackney in the Hall
That by falſe Pleading gets the Devil and all.

Full Moon the 8th. day. 17 min. past 2 in the morning.
Last quarter the 14th. day, 11 min. past 11 in the night.
New Moon the 21st. day. 27 min. past 5 in the evening.
First quarter the 29th. day. 51 min. past 9 in the morning.

				H	M	H			
1	♄	Fast	22	7	18	5	Gem	14	Plant yet Fruit-Trees,
2	☾	Purif of M.		7	17	5		26	Vines, Hops, and Shrubs.
3	☿		24	7	15	5	Canc.	8	Set Kernels, and Stones.
4	☉	5 S.aft.Ep.		7	13	6		20	Cut and lay Quick-sets.
5	♂		26	7	11	5	Leo	2	Sow Asparagus. Beans, Peale,
6	♃		27	7	9	5		14	Radish, Parsnips, Carrots,
7	♀		28	7	7	5		27	Onions, and Garlick.
8	♄		29	7	5	5	Virg.	10	Plant Cabbage-plants, Po-
9	☿		30	7	3	5		23	ratos, Colly-flowers, Parsley,
10	☾	Pisces	1	7	1	5	Libr.	6	Spinage, and other hardy
11	☉	Septuages.	6	59	6			19	Pot-herbs.
12	♂	Term E.	8	57	6	Scorp.	3	Cleanse your Trees from
13	♃		46	54	6		17	Moss, and Canker; Earth
14	♀	Valentine	6	52	6	Sag.	1	up the uncovered roots of
15	♄		66	50	6		15	Trees. Begin to Graft for
16	☿		76	48	6		29	Apples, Pears, Cherries,
17	☾		86	46	6	Cap.	13	Plumbs, &c.
18	☉	Sexages.	6	44	6		28	Continue Vermine-traps.
19	♂		106	42	6	Aq.	12	Begin to make your hot-bed
20	♃		116	40	6		26	for the first Melons, and Cu-
21	♀		126	38	6	Pisc.	10	cumbers. Cut off the Webs
22	♄		136	36	6		24	of Caterpillars, from the
23	☿	Fast	146	34	6	Ar.	8	tops of Twigs, and Trees.
24	☾	Matthias	6	32	6		21	Gather Worms in the even-
25	☉	Shrove S.	6	30	6	Tau.	4	ing after Rain.
26	♂		176	28	6		16	Sow Alaturnus-seed, in
27	♃	Shrove T.	6	26	6		28	Cases, or open Beds well co-
28	♀	Bps. Act.	6	23	6	Gem	10	vered with Thorns, or Bry-
									ars.

While Zealous Romaniſts are day-light burning.
Yea, Day to Night by flaming Candles turning;
The Lawyer without ſuch ado can ſee
To take (if offered) a luſty Fee.
Yet ſome though Learn'd, never well underſtood
That any Cauſe is bad, if th' Fee be good.
Some are more honeſt. and all might be ſo,
But they're ſo numerous (and dayly grow)
That half of them ſuch Riches could not get
Except they made all Fiſh that comes to th' Net.

If Suits thou canſt not ſcape (poor Country-man)
Chuſe wiſe and faithful Counſel if thou can;
Yet (though thy Cauſe be good) when all is done,
Whatever's got by Lawing count it won.

March

Full Moon the 9th. day. 8 min. past 7 in the morning.
Last quarter the 16th. day. 19 min. past 5 in the morn.
New Moon the 23d. day; 5 min. past 2 in the morning.
First-quarter the 31. day, about 6 in the morning.

			H	M	H			
1	d	David	19	6	20	6	Gem	23 the hot bed. Melons, Cucum-
2	e		20	6	18	6	Can.	4 bers, Gourds, &c. Graft, slip,
3	f		21	6	16	6		16 and set Sage, Rosemary, La-
4	g	1 S. in Lent	6	14	6			28 vender, Thyme, &c.
5	a		23	6	11	6	Leo	10 Sow Endive, Succory,
6	b		24	6	9	6		23 Leeks, Radish, Beets, Chard-
7	c	Ember-day	25	6	6	6	Virg.	5 beets, Parsnips, Skirrets, Par-
8	d		26	6	4	6		18 sley, Sorrel, Buglos, Borage,
9	e		27	6	2	6	Libr.	2 Chervil, Scallory, Smallage,
10	f	Eq. d. & n.	6	0	6			15 Alisanders, &c.
11	g	2 S. in L.	5	58	7			29 Sow also Lettice, Onions,
12	a	Sun in Ar.	5	56	7	Scor.		13 Garlick, Orach, Purslan, Tur-
13	b		6	5	54	7		27 nips, Pease, Carroots, Cab-
14	c		2	5	52	7	Sag.	12 bages, Cresses, Fennel, Mar-
15	d		3	5	50	7		26 joram, Bosil, &c.
16	e		4	5	48	7	Cap.	10 Transplant medicinal
17	f		5	5	46	7		24 Herbs, and Asparagus roots,
18	g	3 S. in L.	5	44	7	Aqu.		8 Beet-chards sown in *August.*
19	a		7	5	42	7		22 Dress and string Straw-berry
20	b		8	5	40	7	Pisc.	6 beds. Stake, and bind up
21	c		9	5	38	7		19 weak Plants.
22	d		10	5	36	7	Aries	3 Sow Pinks, sweet *williams,*
23	e		11	5	34	7		16 Carnations, Pine-kernels,
24	f	Fast.		5	32	7		29 Firr-seeds, and Bays.
25	g	Lady-day		5	30	7	Tau.	12 Plant Spanish, and ordina-
26	a		14	5	28	7		24 ry Jasmine, and Anemony
27	b		15	5	26	7	Gem.	6 roots. Transplant Carnations,
28	c		16	5	24	7		18 Seedlings, and Fibrous roots.
29	d		17	5	22	7	Canc.	2 Fence your choice Anemo-
30	e		18	5	20	7		12 nies, Auriculas, &c. with
31	f		19	5	18	7		24 Matts from nipping frosts, &c

Now *Phœbus* paying visits to the Ram,
Comforts the sucking Lambkin and his Dam.
Who through *Aquarius* and *Pisces* wet,
Could little else save cold and hunger get.
And though of those they still may have enough,
A Season comes promising better stuff.
Harsh Winter (will he *nill* he) shall us leave,
And youthful Spring cast flowers on his grave.
The Husbandman is busie at his Plow.
Thinking it's double sin to loyter now:
To fit his Ground with Seed he freely yields,
Having no better Debtors than his Fields,
Who in a While (as they are wont to do)
Will pay in Stock (he hopes) and Int'rest too;
And that not Six per Cent, but Cent per Six.
No wonder then if on such Work he fix.
Yet ther's a better seeding to be made;
The faithful Christian drives the thriving Trade:
For whatsoever Weather comes, his hope
Is never frustrate of a blessed Crop.

April

Full Moon the 7th. day, 30 min. past 6 at even.
Last quarter the 14th. day, 30 min. past 10 in the morr.
New Moon the 21st. day, 53 min. past 7 in the evening.
First quarter the 29th. day, 10 min past 11 in the night.

				H	M	H			
1	♉		5 S. in L.	5	16	7	Leo	6	Sow Marjoram, Hyſop,
2	a		20	5	14	7		18	Baſil. Thyme. Winter ſavory,
3	b		21	5	12	7	Virgo	6	and Scurvy-graſs. Alſo
4	c		22	5	10	7		13	Lettice, Purſlan, Colly-
5	d		23	5	8	7		26	flowers, Radiſh, double Ma-
6	e		24	5	6	7	Libr.	10	rygolds, Cyony, Candy-tufts,
7	f		25	5	5	7		24	Garden-parſley, Muſcipula,
8	♉	Palm Sun.	6	3	7	Scor.	8		Scabious, Pinks, Carnations,
9	a		27	5	2	7		23	ſweet *Williams*.
10	b		28	5	0	7	Sag.	7	
11	c		29	4	57	8		22	Plant Melons, Cucum-
12	d	Sun ent. T.		4	55	8	Cap.	6	bers, and the ſlips of Arti-
13	e		1	4	53	8		21	choak, Layender, Thyme,
14	f		2	4	51	8	Aqu.	5	Roſemary, &c.
15	♉	Eaſter-da.		4	49	8		19	Set French-beans. Gather
16	a		4	4	47	8	Piſc.	2	
17	b		5	4	45	8		16	out Worms, and Snails, on
18	c		6	4	43	8		29	rainy evenings.
19	d		7	4	41	8	Ari.	12	Tranſplant, and remove
20	e		8	4	39	8		25	tender ſhrubs, ſuch as Span-
21	f		9	4	38	8	Tau.	8	iſh Jaſmines, Myrtles, Ole-
22	♉	Law S.	10	4	36	8		20	anders, young Oranges,
23	a	K.C.2. Cr.		4	34	8	Gem.	2	Pomegranates, &c.
24	b		12	4	32	8		14	If winds be paſt, clip (af-
25	c		13	4	30	8		26	ter ſhowers) Phylirea, Ala-
26	d		14	4	29	8	Can.	8	ternus, Cypreſs, Box, Myr-
27	e		15	4	27	8		20	tles, Barba-jovis, and other
28	f		16	4	25	8	Leo	2	touſile ſhrubs,
29	♉	S.aft.E.	17	4	23	8		14	
30	a		18	4	21	8		26	

Sweet drilling Showers are expected now,
To water Ridges, and refresh the Cow,
Who thinks her Fodder dry and overharsh,
And with much greedinesse surveys the Marsh,
To feed her Calf, and fill her owners Pail
With Liquor of more use than Wine or Ale.
The Cuckow though her Notes are old and plain,
Is with much pleasure heard to sing again.
For Country-people constantly do prize,
Not what she saith, but what she signifies.
That Musick they like best that profit brings;
Be it the flail that thumps, or Churn that sings.
The smaller Birds, whom God and Nature teach
To feed on that which comes within their reach,
Never fore-casting how to live in *June*,
(For Seed too late, for Harvest much too soon)
Do twitter out their pretty merry Notes,
Clad neatly in their party-coloured Coats;
And (though they understand it not) set forth
The great housholders bounty, care and worth.

May

Full Moon the 7th. day, 25 m. past 3 in the morn Moon Ec.
Last quarter the 13th. day, 20 min. past 5 afternoon.
New Moon the 21st. day, 34 min. past 10 in the morning.
First quarter the 29th. day, 9 min. past 1 afternoon.

				H	M	H			
1	h		May-day	4	18	8	Virgo 8		Sow Sweet-marjoram, Ba-
2	c		Term beg.	4	17	8	21		sil, Thyme, hot, and aroma-
3	d		21	4	15	8	Libr. 4		tick Herbs, and the moſt ten-
4	e		22	4	14	8	18		der Plants. Alſo Purſlain,
5	f		22	4	12	8	Scor. 2		Lettice, painted Beans, &c.
6	g	☽	3 S. aſt. E.	4	11	8	17		Look well to your Melons;
7	a		25	4	10	8	Sag. 1		and towards the end of this
8	b		26	4	8	8	16		Month, forbear to cover
9	c		27	4	7	8	Capr. 1		them on the ridges with
10	d		28	4	6	8	16		Straw, or Marteſſes.
11	e		29	4	4	8	Aqu. 1		Ply the laboratory, Di-
12	f	☽	ent Gem	4	3	8	15		ſtilling Plants for Spirits,
13	g	☉	4 S. aſt. E.	4	2	8	29		Waters, &c. Pluck up Weeds
14	a		2	4	0	8	Piſc. 13		before they ſeed.
15	b		3	3	59	9	26		Give your houſed Plants
16	c		4	3	58	9	Aries 9		freſh Earth, an handful, or
17	d		5	3	57	9	22		ſo deep; looſening the reſt
18	e		6	3	56	9	Tau. 4		with a Fork, without wound-
19	f		7	3	55	9	17		ing the Root; let this freſh
20	g	☉	5 S. aſt. E.	3	54	9	29		Earth be very rich, and ſo
21	a		9	3	53	9	Gem 11		fine as to ſift.
22	b		10	3	52	9	22		Shade your Carnations,
23	c		11	3	51	9	Canc. 5		and Gilly-flowers after mid-
24	d		Aſcen. d.	12	3	50	9	17	day.
25	e		13	3	49	9	28		Plant alſo Stock-gilly-flow-
26	f		14	3	48	9	Leo 10		ers in Beds, at full Moon ga-
27	g	☉	6 S aſt. E.	3	47	9	22		ther Anemony ſeeds.
28	a		Term end.	3	46	9	Virgo 4		Take up dryed Tulips, and
29	b		K. C. 2. R. R.	3	45	9	17		cover ſuch as are bare.
30	c		17	3	45	9	Libr. 0		
31	d		18	3	44	9	13		

I know not well, whether I should commend
This Month (as usual) to my Country-Friend:
It will be much what as the humour takes him,
Whether this Season sad or pleasant makes him.
If he will stay at home and view his Grounds,
Hearken to little Birds melodious sounds,
See his Corn-fields and Medows how they flourish,
And how Shee-creatures their dear young ones nourish;
What sweeter Life on Earth, can Earth afford;
Provided still he eye the living Lord?
But if he will the Month anticipate,
Posting to th' Term lest he should come too late,
And for no Cause, or one that's very small
Begin, or carry on a costly Brawl,
Sowing his Coyn by handfuls like to Corn.
(As one to vex himself and others born)
No wonder if he ends a wretched *May*,
Singing no better Song then Weladay.
The greatest pity is, he bore the Purse
Which never a Child he had could manage worse.

June

Full Moon the 5th. day, 45 min. past 10 in the morning.
Last quarter the 12th. day, 11 min. past 2 in the morn.
New Moon the 20th. day, 15 min. past 1 in the morn.
First quarter the 28th. day, 18 min. past 1 in the morn.

				H	M	H			
1	☾		20	3	42	9	Libr.	26	Sow Lettice, Chervil, Radish, &c.
2	f		21	3	42	9	Scor.	10	
3	☽	Whit-sund		3	42	9		25	Cleanse Vines of exuberant branches, stopping the joynt. Inoculate Apricocks, Peaches, Cherries, Plumbs, Apples, and Pears, &c.
4	a		23	3	41	9	Sag.	10	
5	b		24	3	41	9		25	
6	c	Emb. wee		3	41	9	Cap.	10	
7	d		26	3	41	9		25	
8	e		27	3	41	9	Aqu.	10	
9	f		28	3	41	9		25	Gather Herbs at the full, dry them in the Sun, to keep. Distill Aromatick Plants. Water planted Trees, and put half-rotten Fern about their stems.
10	☽	Trinity S.		3	41	9	Pisc.	9	
11	a	S. Barnab.		3	41	9		22	
12	b	Cancer	1	3	41	9	Aries	6	
13	c		2	3	41	9		19	
14	d		3	3	41	9	Taur.	1	
15	e	Term beg.		3	41	9		13	Transplant Autumnal Cychamens; gather the ripe seed of choice Flowers. Inoculate Jasmine Roses, and rare shrubs.
16	f		5	3	41	9		25	
17	☽	1 S. asc. T.		3	41	9	Gem.	8	
18	a		7	3	41	9		20	
19	b		8	3	42	9	Canc.	2	
20	c		9	3	42	9		14	
21	d		10	3	43	9		25	Take up your rarest Anemonies, Rannuculus's, Tulip-bulbes; and all such Plants and Roots as endure not well out of the Ground, and Plant them again.
22	e		11	3	44	9	Leo	7	
23	f		12	3	44	9		19	
24	☽	Midsum. d.		3	45	9	Virgo	1	
25	a		14	3	45	9		13	
26	b		15	3	46	9		26	
27	c		16	3	47	9	Libr.	9	
28	d	Fast	17	3	48	9		22	
29	e	S. Pet. Ap.		3	49	9	Scorp.	5	
30	f		19	3	50	9		19	

Now Sol *out-throned in the* Cancer's *claws,*
By Lucid *beams proclaimes his glorious Laws:*
All shall be Day this month, no proper Night;
Twi-lights at Even shall reach Morning-light;
But men of businesse will slighe his heat,
And trudge about it, though he make them sweat.
Young Scholars to their Ord'naries make hast,
Orders to take e're Trinity be past.
The Lawyer grave appears in his Bar-gown,
Hoping to carry store of Guineys *down:*
Doctors at Baths and Spaws their Patients ply;
Water their Guts, but draw their Purses dry.
Traders-men of London *prance to* Chester-Fair,
To meet the Irish Merchants with their Ware:
But Seas between sometimes forbids the Banes;
Hindring both parties from expected gains.
But he who Trades for Treasure in the Field,
That Christ commands, it will him comfort yield;
Which neither Sea, nor Thieves, nor moth, nor rust
Can take or spoil, or hinder from the just.

Full Moon. 4th. day, half an hour past 5 in the Even.
Last Quarter the 11th. day, 46 min. past 1. Aftern.
New Moon the 19th. day. 35 min. past 3. Aftern.
First Quart. 27th. day, 4 min. before 11 in the Morn.

			H. M. H			
1	♌	3 S. aft. Tr.	3 51 9	Sag.	4	Sow Lettice, Raddish, &c.
2	a	V. B. Mary-	3 52 9		18	for tender Salletring, and
3	b	22	3 53 9	Capr.	8	larter Peafe; water young
4	c	Term ends	3 54 9		18	planted Trees & Layers;
5	d	24	3 55 9	Aqu.	4	prune Apricocks & Pea-
6	e	25	3 56 9		19	ches, faving the moft like-
7	f	26	3 57 9	Pif.	3	ly Shoots well placed.
8	♌	4 S. aft. Tr.	3 58 9		18	Let fuch Olitory Herbs
9	a	28	3 59 9	Ari.	1	run to feed, as you would
10	b	29	4 0 8		15	fave. Slip Stocks and o-
11	c	☉ ent. Leo	4 2 8		28	ther lignous Plants and
12	d	1	4 3 8	Tau.	10	flowers, lay Myrtyls and
13	e	2	4 4 8		23	other curious greens; lay
14	f	3	4 6 8	Gem.	5	Gilly-flowers and Carna-
15	♌	5. S. aft. Tr.	4 7 8		17	tions for increafe; water
16	a	5	4 8 8		29	young planted Shrubs &
17	b	6	4 10 8	Can.	10	Layers; clip Box (grow-
18	c	7	4 11 8		22	ing out of order) after
19	d	8	4 12 8	Leo.	4	rain. Still cut off wither-
20	e	Dog dayes	4 13 8		16	ed ſtalks of flower flowers;
21	f	begin.	4 15 8		28	water your gravel-walks
22	♌	6 S. aft. Tr.	4 17 8	Virg.	11	in the dryeſt ſeaſon with
23	a	12	4 18 8		23	brine, por-aſhes, and wa-
24	b	13	4 20 8	Libr.	6	ter, or a decoction of To-
25	c	S. Jam. Ap.	4 22 8		18	bacco-refuſe, to deſtroy
26	d	15	4 23 8	Scor.	1	worms & weeds. Stop the
27	e	16	4 25 8		15	exuberant Shoots of Vines
28	f	17	4 27 8		29	at the ſecond joynt above
29	♌	7. S. aft. Tr	4 28 8	Sag.	13	the fruit.
30	a	19	4 30 8		27	
31	b	20	4 32 8	Cap.	12	

Oh welcome happy time! the Cryer says,
The Term is past, we all may go our ways:
And if long standing have not made us lame,
We may go down much nimbler than we came.
Money (they say) is luggage, bad to carry,
But here was Riddance extraordinary.
What Fools were we, that might at home have staid,
And with the tithe of our expences paid
For Gowns and Castors to have pleas'd our Wives,
Who now (poor souls!) have had such drudging lives,
In ordering our early Corn and Hay,
While we (whose work that was) threw all away:
Will they not us with scolding entertain,
Who well deserve to be whipt back again?
Bought Wit (they say) is best; but that's too dear,
Which must be purchas'd of the Lawyers here.
Would we had been asleep when first we saw
The Trespasses that made us go to Law:
What's past will not be helpt; but for the future,
Let's make our toylsome loss our faithful Tutor.

Full Moon the 2d. day, 18 min. past 9. at Night.
Last Quarter the 10th. day, 22. min. past 4. in the mor.
New moon the 18th. day, 5. min. past 7 in the mor.
First Quarter the 25th day, 12. min. past 4. afterno.
Full Moon the 31. day, 25. min. past Noon.

			H. M. H.				
1	c	Lammas 20	4 34 8	Capr.	27	Inoculate early, prune off superfluous branches,
2	d	21	4 36 8	Aqu.	12	and shoots of the second
3	e	22	4 38 8		27	Spring. Pull up Suckers,
4	f	23	4 40 8	Pisc.	12	sow Radish, tender Cab-
5	g	8. S. aft. Tr.	4 41 8		26	bages and Collie-flowers
6	a	25	4 43 8	Aries	10	for Winter Plants, Sow
7	b	26	4 45 8		28	Corn-sallet, Mary-golds,
8	c	27	4 46 8	Tau.	6	Lettuce, Carrets, Parsnips,
9	d	28	4 48 8		19	Spinage, Onions, curled
10	e	Laurentius.	4 50 8	Gem.	1	Endive, Angelica, Scurvy-
11	f		4 52 8		13	grass, Iris's, Larks-heel,
12	g	9. S. aft. Tr.	4 54 8		25	Candytufts, Columbines,
13	a	2	4 56 8	Canc.	7	Iron-coloured Fox-gloves,
14	b	3	4 58 8		19	Holy-hocks, & such plants
15	c	4	5 0 7	Leo	1	as indure Winter. Trans-
16	d	5	5 2 7		13	plant such Lettuce as you
17	e	6	5 4 7		25	would have abide all Win-
18	f	7	5 6 7	Virgo	7	ter; pull up ripe Onions
19	g	10. S. aft. Tr.	5 8 7		20	and Garlick, &c. Gather
20	a	9	5 10 7	Lib.	2	olitory seeds; clip such
21	b	10	5 12 7		15	hearbs before the full, an
22	c	11	5 14 7		28	handful high. Plant Ane-
23	d	12	5 16 7	Scor.	12	monies, slip Gilly-flowers;
24	e	S. Bartholo.	5 18 7		25	garner seeds of shrubs be-
25	f	14	5 20 7	Sagit.	9	ing ripe. Take up bulbes
26	g	11. S aft. Tr.	5 22 7		23	of Lillies. Remove and lay
27	a	Dog d. end	5 24 7	Capr.	7	perennial greens, Oranges,
28	b	1	5 26 7		21	Lemons, Myrtils, &c.
29	c	18	5 28 7	Aqua.	6	Sow Purslan, Chard-beet,
30	d	19	5 30 7		21	Chervile; make Summer-
31	e	20	5 32 7	Pis.	5	Cyder, and Perry.

Lammas comes first, and latter Lammas-day
Is that whereon Bankrupts their Debts do pay:
But th' Husband-man is better paid than so,
For all the cost and pains he did bestow.
A fair plump white exceeds an empty green;
His Fields are in their pomp and riches seen.
Ceres her Tools (the Sickle, Hook, and Sythe)
Make way for Parson's men to fetch their Tithe.
Th: Shocks of Corn in rank and file do stand,
And Paupers glean what scapt the Reapers hand.
A merry time it is; no Girl nor Boy
But is partaker of the Harvest joy.
Labourers turn their work into a play;
Striving which shall dispatch theirs first away:
Poor Children gath'ring Ears from off the Earth,
Think themselves rich, and bake their Cakes with mirth.
Tea, chirping Birds cannot their joys conceal,
Though they must have no part save what they steal.
Then joy in God (blest owner of the Field)
And unto him all Praise and Service yield.

Last Quarter the 8th. day, 43 min. past 9. at Night.
New Moon the 16th. day, 18 min. past 9 at Night.
First Quarter the 23. day, 3 min. before Mid-night.
Full Moon the 30th. day, 44 min. past 8 at Night.

			H. M. H			
1	f		20 5 35 7	Pisc.	20	Gather your ripe win-
2	g	12. S. aft. Tr	5 37 7	Ari.	4	ter-fruit in dry weather.
3	a		22 5 39 7		18	Sow Lettice, Radish, Spi-
4	b		23 5 41 7	Taur.	1	nage, Parsnips, Skirrets,
5	c		24 5 43 7		14	Collyflowers, Cabbages,
6	d		25 5 45 7		27	Onyons, Scurvy-grass,
7	e		26 5 47 7	Gem.	10	Anniseeds, and Winter-
8	f	Nat. B. Vir.	5 49 7		22	herbs.
9	g	13. S. aft. Tr	5 51 7	Canc.	3	Transplant most sorts
10	a		29 5 53 7		15	of esculent and physical
11	b	☉ ent. Lib.	5 55 7		27	herbs, Artichocks, Spa-
12	c		1 5 58 7	Leo	9	ragus-roots, and Straw-
13	d		2 6 0 6		21	berries (out of the
14	e	Exal. Cruc.	6 2 6	Virg.	3	wood.) All fibrous
15	f		4 6 4 6		16	plants, as Hepotica, Hel-
16	g	14. S. aft. Tr	6 6 6		29	lebor, Camomil, &c. also
17	a		6 6 9 6	Libr.	12	Capricarias, Matricarias,
18	b		7 6 11 6		25	Violets, Primeroses.
19	c	Ember. w.	6 13 6	Scor.	8	Bind your Autumnal
20	d		9 6 15 6		22	Flowers and Plants to
21	e	S. Mat. Ap.	6 17 6	Sag.	6	stocks, set such Plants into
22	f		11 6 19 6		20	the earth (as will not en-
23	g	15. S. aft. Tr.	6 21 6	Capr.	4	dure the house) in pots
24	a		13 6 23 6		18	2 or 3 inches lower than
25	b		14 6 25 6	Aqu.	2	the surface of the earth
26	c		15 6 27 6		16	Southernly exposed.
27	d		16 6 29 6	Pisc.	0	About *Michaelmas* (the
28	e		17 6 31 6		14	weather being fair and
29	f	S. Mich. Arc.	6 33 6		28	not fogay) retire your
30	g	16. S. aft. Tr	6 35 6	Arie.	12	choyce Plants, and rarest
						greens (being dry) as O-
						ranges and Lemmons,
						Indian & Spa Jasmine, *&c.*

Days truckle : Nights will have the upper hand,
Though Libra's scales a moment even stand ;
And light hath weight, as some new Authors say,
Dull heavy darkness will it over-weigh.
Yet Sol as one that's loath the day to lose,
Rallies his flying Beams against his Foes.
And by his double twi-lights, doth contend,
Nights still in fewer hours than days do end.
What e're Aurora *(or her Sister bright,*
Which takes her place before the silent Night)
Can do or shew, 'tis but by borrowed beams,
Of which he is the Fountain, they the streams.
All theirs is his ; and yet this will not do ;
Darkness will Vie with him and's Sisters too.
But there's a glorious Sun of Righteousness,
That will at once both Hemispheres possess,
And cannot be Eclips'd : But by his shine,
Makes perfect day that never can decline.
This, this is it ; Give me this blessed Light,
Compar'd to this our Sun-shine days, are night.

Last Quarter the 8th. day, 37 min. past 4 Aftern.
New Moon the 16th. day, 2 min. past 11 before noo.
First Quarter the 23d. day, 51 min. past 5 Morning.
Full Moon the 30th. day, 49. min. past 10 morn.

			H.	M.	H.		
1	a		20	6	38	6	Trench ground for Orcharding and Kitchin-garden. Plant fruit-trees of all sorts, when they have lost their leaves. Let your Wall-trees be of above 2 years grafting. Use oblaqueations, & laying bare the roots of old unthriving, or over-hasty blooming trees. Gather fruit dry, the Moon decreasing, Plant and plash Quicksets. Sow all stony & hard kernels and seeds, as Plumbs, Cherries, Nuts, Ash-keys, Acorns, Crab & Pear-kernils, Almonstones, &c. Sow Lettace, make winter-Cyder. Sow as in *September*. Plant choice Tulips. Plant some Anemonies, and Ranunculus's in fresh sandy earth, taken from under the turff Retire Carnations, &c.
2	b		21	6	40	6	
3	c		22	6	42	6	
4	d		23	6	44	6	
5	e		24	6	46	6	
6	f		25	6	48	6	
7	g	17. S. af. Tr.		6	50	6	
8	a		27	6	52	6	
9	b		28	6	54	6	
10	c		29	6	56	6	
11	d	● cat. Sco.		6	58	6	
12	e		1	7	0	5	
13	f		2	7	2	5	
14	g	18. S. ak. Tr.		7	4	5	
15	a		4	7	6	5	
16	b		5	7	8	5	
17	c		6	7	10	5	
18	d	S. Luk. Ev.		7	12	5	
19	e		8	7	14	5	
20	f		9	7	16	5	
21	g	19. S. ar. T.		7	18	5	
22	a		11	7	20	5	
23	b	Term beg.		7	22	5	
24	c		13	7	24	5	
25	d		14	7	25	5	
26	e		15	7	27	5	
27	f		16	7	29	5	
28	g	S. Sim. a.		7	31	5	
29	a		18	7	33	5	
30	b		19	7	34	5	
31	c		20	7	36	5	

Ar.	26	
Tau.	9	
	22	
Gem.	5	
	17	
	29	
Can.	11	
	23	
Leo.	5	
	17	
	29	
Vir.	11	
	24	
Lib.	7	
	20	
Scor.	4	
	18	
Sag.	2	
	16	
Cap.	0	
	15	
	29	
Aqu.	13	
	27	
Pisc.	11	
	24	
Aries	8	
	22	
Taur.	4	
	18	
Gem.	1	

The winged Steeds that draw the fiery Car
To Southern tracks, by us dismissed are.
As th' Latin Proverb says, we will descend
From Horses to the Asses e're we end.
Nor shall we need to seek them out like Saul,
We find them ready saddled in the Hall,
Where every pert Attorney may bestride them,
And through both thick and thin Tantivy ride them.
The long Vacation fill'd our Country Foals
With longings to be entred in these Schools;
Where Patience and Repentance (when too late)
Are throughly taught them at a costly rate;
Which if they learn not there (by my consent)
Let them be close in Bedlam College pent;
Where sweet fresh straw, from which they thresh the Grain,
To pay for Writs, and Councel to retain;
With Whips whereby their Teams they should have driven,
Shall (as their Commons due) to them be given;
Till Iron-bracelets do their wrests adorn,
And they admitted Brethren of the horn.

Last Quarter the 7th. day, 23 min. past Noon.
New Moon the 14th. day, 5. min. past 11 at Night.
First Quarter the 21. day, 12 min. past 2 After-noon.
Full Moon the 29th. day, 46 min. past 1 in the mor.

			H.	M.	M		
1	d	All Saints.	7		5	Gem. 13	Turn your melon-ground, and mingling it
2	e	All Souls	7		5	25	with earth, lay it in ridges for the Spring.
3	f	23	7		5	Canc. 7	
4	g	21. S. aft. T.	7		5	19	Trench and fit ground
5	a	Powd. Tr.	7		5	Leo. 1	for Artichocks; set and
6	b	26	7		5	13	plant Trees standard or
7	c	27	7		5	25	mural. Furnish your Nur-
8	d	28	7		5	Virg. 7	sery with stocks for graf-
9	e	29	7		5	19	ting. Sow and set early
10	f	☉ ent. Sag.	7		5	Lib. 2	Beans and Peafe. Lay in
11	g	22. S. aft. Tr.	7		5	15	Cellars (to be trans-
12	a	2	7		5	27	planted at Spring for
13	b	3	7		5	Scor. 11	Seed) Carrots, Parsnips,
14	c	4	8		4	26	Turnips, Cabbages, and
15	d	5	8		4	Sag. 11	Colly-flowers. Gather
16	e	6	8		4	25	your last Orchard-fruit
17	f	7	8		4	Cap. 10	dry; dig up your Pota-
18	g	23. S. aft. Tr.	8		4	25	toes as clean as you can.
19	a	9	8		4	Aqu. 9	Crop Asparagus, and
20	b	10	8		4	24	cover it with long dung,
21	c	11	8		4	Pisces 8	or make beds to plant in
22	d	12	8		4	21	the Spring. Sow Auricu-
23	e	13	8		4	Arie. 5	la-seed. Cover Peeping-
24	f	14	8		4	18	Ranunculus's, &c. Plant
25	g	24. S. aft. Tr.	8		4	Tau. 1	Tulips under shelter, the
26	a	16	8		4	14	earth not too rich.
27	b	17	8		4	27	Plant Forrest trees for
28	c	Term end.	8		4	Gem. 9	Walks, Avenues & Groves
29	d	Fast.	19	8	4	21	Plant fibrous roots,
30	e	St. And. A.	8		4	Canc. 4	Roses, Althæa frutex, Li-
							lax, Syringas, Cytisus,
							Peonies, &c.

The Term ſtill laſts, ſo ſhall not my complaints;
The Lawyers I ſhall leave to meet All-ſaints.
The chief and moſt wherein Heaven dwell,
Few on the Earth, and none at all in Hell.
Papiſts affirm ſome are in Purgatory;
But that the Country-fellow prov'd a ſtory,
Alledging, more by Maſſes were ſet free,
(If they ſpoke truth) then could committed be.
(Beſides great ſhoales deliver'd (as they hope)
By bought Indulgences, had from the Pope;)
For none ſave Penitents (they ſay) come there,
That took not care on Earth their ſcores to clear;
Theſe are ſo few, that Maſſes more by far,
By holy Fathers Celebrated are.
Yet by each Maſs (they hold) one ſoul is freed,
And fifteen by the firſt each Prieſt doth read.
From all theſe Premiſes the Ruſtick rude,
Took up the ſaucy boldneſs to conclude,
Either there is no Purgatory-pain;
Or if there be, no Souls therein remain.

Last Quarter the 7th. day, 1 min. past 4 in the morn.
New Moon the 14th day, 8 min. past 10 in the mor.
First Quarter the 21. day. 23. min. past 1 in the mor.
Full Moon the 28th. day. 56 min. past 10 at night.

			H.	M.	H.		
1	f		20	8	16	4	Can. 16
2	g	Advent. S	8	16	4		28
3	a		22	8	17	4	Leo 9
4	b		23	8	18	4	21
5	c		24	8	18	4	Virg. 3
6	d		25	8	18	4	15
7	e		26	8	18	4	27
8	f		27	8	19	4	Lib. 10
9	g	2. S. in Adv	8	19	4		23
10	a		29	8	19	4	Scor. 6
11	b	Shortest d.	8	19	4		20
12	c	Capric.	1	8	19	4	Sag. 4
13	d		2	8	19	4	19
14	e		3	8	19	4	Capr. 4
15	f		4	8	19	4	19
16	g	3. S. in Adv.	8	18	4		Aqu. 4
17	a		6	8	18	4	19
18	b		7	8	17	4	Pisc. 4
19	c	Emb. w.	8	8	17	4	18
20	d	Fast.	9	8	17	4	Aries 3
21	e	S. Thomas		8	16	4	15
22	f		11	8	16	4	28
23	g	4. S. in Adv.		8	15	4	Tau. 11
24	a		13	8	14	4	24
25	b	Nat. of Chr.		8	14	4	Gem. 6
26	c	S. Stephen		8	13	4	18
27	d	S. John.		8	12	4	Can. 0
28	e	S. Innocent		8	12	4	12
29	f		18	8	11	4	24
30	g		19	8	10	4	Leo 6
31	a		20	8	9	4	18

Prune and nail standard-trees, & wall-fruit.

Plant Vines & stocks for grafting. Sow yet pomace of Cyder-pressings for Nurseries. Set all sorts of kernels, stones, &c. Sow early Beans and Pease.

Trench ground, & dung it for borders, planting fruit-trees, &c. Turn and refresh Autumnal fruit, opening the Windows on a clear day.

Use hostility against Vermine by Traps, &c.

Preserve your choyceſt Anemonies, Garnations, &c. from great rain and frost. Let the door and windows of your Conservatory be well matted, & guarded from piercing ayre. Temper the Aire with a little Charcoale, put into a hole sunk a little into the midle of the floor. Set Bay-berries dropping ripe. Cover your fountain-pipes with fresh & warm Litter out of the Stable, &c.

The year will with this preſent moneth be gone;
Then of our lives the years are leſs by one:
A year (I ſay) we ſhall have leſs to live,
But one year more, whereof account to give;
And that I fear with many will be ſad,
Conſidering the mercies they have had,
Which they with ſo much careleſneſs do uſe,
Or rather with high impudence abuſe.
Our ſtore, which drove the Famine quite away,
Is made the Gluttons and the Drunkards prey.
That Feaſt which was deſign'd at th' Inſtitution
For Holineſs, is ſpent in baſe pollution.
Gaming and Cheating, Whordom and Exceſs
Of Meat, and Drink, and Cloaths, and Idleneſs.
Oh Omicron! Whither do theſe things tend,
That every year ſhould thus begin and end?
Well Epicure! This warning take from me
For a farewell: E're long thou'l plainly ſee,
More wretched art thou far, then are the Poor,
That beg their ſuſtenance from door to door.

1. A Table shewing the beginning, continuance, and ending of the Kings and Sovereign Queens since the Conquest (useful for understanding Records, Deeds, and Leases) with the years exspired since their several Reigns.

The names of the Kings and Queens.	The years of our Lord when they began.	The day of the mo that their Reigns b.	Space of time which every one Reigned			The years of our Lord when their Reigns ended.	The month & day wherein they ended.	Years expired since their Reigns.
			ye.	mo	da			
Will Conqueror	1066	*Octo.* 14	20	11	22	1087	*Sep.* 9	590
Will. Rufus	1087	*Sept.* 9	12	11	19	1100	*Aug.* 1	577
Henry the first	1100	*Aug.* 1	35	04	11	1135	*Dec.* 2	542
Stephen	1135	*Dec.* 2	18	11	19	1154	*Octo.* 2	523
Henry II.	1154	*Octo.* 25	34	09	02	1189	*July* 6	488
Richard I.	1189	*July* 6	10	09	22	1199	*April* 6	478
John	1199	*April* 6	17	07	00	1215	*Octo.* 19	461
Henry III.	1216	*Octo* 19	56	01	00	1272	*Nov.* 16	405
Edw. the first	1272	*Nov.* 16	34	08	06	1307	*July* 7	370
Edw. second	1307	*July* 7	19	07	05	1326	*Jan.* 20	350
Edw. the third	1326	*Jan.* 25	50	05	01	1377	*Jun.* 21	300
Richard II.	1377	*Jun.* 21	22	03	14	1399	*Sept.* 29	278
Hen the fourth	1399	*Sep.* 29	13	06	03	1413	*Mar.* 20	264
Henry the fifth	1413	*Mar.* 20	09	05	14	1422	*Aug.* 31	255
Hen. the sixth	1422	*Aug.* 31	38	06	16	1460	*Mar.* 4	216
Edward IV.	1460	*Mar.* 4	22	01	08	1483	*April* 9	194
Edw. the fifth	1483	*April* 9	00	02	18	1483	*Jun.* 22	194
Rich the third	1483	*Jun* 22	02	02	05	1485	*Aug.* 22	192
Henry VII.	1485	*Aug.* 22	23	10	16	1509	*Apr.* 22	168
Henry VIII.	1509	*Apr.* 22	37	10	02	1547	*Jan* 28	131
Edw. the sixth	1547	*Jan.* 28	06	05	19	1553	*July* 6	124
Queen Mary	1553	*July* 6	05	04	22	1558	*Nov.* 17	119
Q. Elizabeth	1558	*Nov.* 17	44	04	16	1602	*Mar.* 24	74
King James	1602	*Mar.* 24	22	00	03	1625	*Mar.* 27	52
K. Charls I.	1625	*Mar.* 27	23	10	03	1648	*Jan.* 30	28
K. Charls II.	1648	*Jan.* 30	Long live the King.					

Note, that every King began his Reign on the same day that his immediate Predecessour ended, as is plain by the Table.

II.

An indeavour to do right to my Native Country of *Lancaſhire*.

THis ſpacious County, adorned with the ancient Seat of the Dukes of Lancaſter, *and many other Caſtles, Towns, and Places of importance, is rendred to Strangers far leſs conſiderable than indeed it is, by a vulgar Errour entertained and propagated by the too much Credulity even of learned Writers; for not only the Tables in our ordinary Maps of* England, *but ſuch judicious Hiſtorians and Topographers, as* Dr. Heylin, Dr. Fuller, *Mr.* Leigh *of* Ruſhal *(going in the old track) report the Pariſhes to be only* 36, *a thing ſo monſtrouſly unlikely (notwithſtanding what they truly add concerning the vaſt number of Chappels, and conſiderableneſs of many of them) that I wonder they were not more inquiſitive before they vented it. I rather think the miſtake was cauſed by ſome Printers fault, who in the Table of the ſeveral Counties in the Map of* England, *Printed (by inverſion of the figures)* 36 *for* 63. *for about that number the Pariſh-Churches are; ſome of the largeſt Parochials having great privaledges, and being commonly eſteemed and called Pariſh Churches all the Country over. (though ſtrictly they are not) being caſt into the number; but the number* 36, *is by no means to be allowed, for in four Hundreds of the ſix, viz.* Derby, Solford, Leland, *and* Blackborn, *I can name* 32 *(if* Penwortham *be one, as I think none will diſallow it); and I am ſure there is a vaſt number of Pariſhes in the two large (and in part very fruitful) Hundreds of* Ammoundernes *and* Loyndale; *which though I cannot ſo exactly number and diſtinguiſh from the Parochial Chappels as I have done in the other four Hundreds, yet I could eaſily name ſo many that are beyond all peradventure Pariſh-Churches, as being added to thoſe in the other four hundreds, would utterly ſhame the number* 36.

This ſhall ſuffice at preſent, hereafter (perhaps) a more particular account may be given if it be thought neceſſary.

III.

The Latitude of many eminent place (especially in *England* and *Wales*) very useful for Dyallists, with some Corrections and Additions, out of Authors of good esteem, upon whose Credit I rely for places to me unknown.

	D.	M.		D.	M.		D.	M.
S. Albanes	51	55	Exeter	50	50	Norwich.	52	55
Anglesey.	53	58	Falmouth	50	22	Nottingh.	53	00
Arundel	51	00	Flint.	53	17	Oxford.	51	50
Barmouth.	52	50	Guilford.	51	12	Pembrook.	51	46
Barwick.	55	20	Glocester.	52	00	Penrith.	54	44
Bedford.	51	15	Grantham.	52	58	Plymouth	50	36
Boston.	53	02	Hallifax.	53	49	Portsmouth	51	08
Brecknock.	52	01	Hartford.	51	49	Preston.	53	40
Bristol.	51	17	Hereford.	52	14	Radnor.	52	19
Buckingham.	52	00	Hull.	53	15	Reading.	51	40
Cambridge.	52	20	Huntington.	52	19	Rochester	51	30
Canterbury.	51	25	Ipswich	52	08	St. *Davids*	52	00
Carlisle	55	20	Kendal	54	23	Salisbury	51	12
Cardigan	51	12	Lancaster	54	00	Shrewsbur.	52	48
Carmarthen	52	00	Landaff	51	35	Stafford	52	52
Carnarvan	53	16	Leicester	52	45	Stamford	52	40
Chester	53	20	Lincolne	53	20	Truro	50	30
Chichester.	50	50	Liverpoole	53	22	Warringt.	53	21
Colchester	52	00	*London*	51	32	Warwick	52	30
Coventree	52	30	Manchester	53	24	Wigan	53	29
Darby	53	00	Monmouth	51	51	Winchester	51	03
Denbigh	53	13	Montgomery	51	56			
Dorchester	50	50	New-Castle					
Dover	51	20	under-line.	53	00	Worcester	52	25
Dublin	54	27	New Castle					
Durham	54	50	upon Tine.	55	12	Yarmouth	51	45
Edenburg	56	00	Northampton	52	16	York	54	00

IV. A *Table of the Declination of the* ☉*Sun for every degree of the Ecliptick, very useful also for the same sort of Artists.* Ex Chartis Ph. C. A. M. M. C.

Deg. of Ecl.	North. Aries	South. Libra	North. Taurus	South. Scorpio	North. Gemini	South. Sagitar.	Deg. of Ecl.
	Deg. of decl. min.		Deg. of decl. min.		Deg. of decl. min.		
0	0 0	0 0	11	31	20	11	30
1	0 0	24	11	31	20	26	29
2	0 0	48	12	13	20	38	28
3	0 1	12	12	33	20	50	27
4	0 1	36	12	54	21	01	26
5	0 2	00	13	14	21	12	25
6	0 2	23	13	34	21	23	24
7	0 2	47	13	54	21	33	23
8	0 3	11	14	13	21	43	22
9	0 3	35	14	33	21	53	21
10	0 3	58	14	52	22	02	20
11	0 4	22	15	11	22	10	19
12	0 4	46	15	29	22	18	18
13	0 5	09	15	48	22	26	17
14	0 5	32	15	06	22	34	16
15	0 5	56	15	24	22	41	15
16	0 6	19	16	41	22	47	14
17	0 6	42	16	58	22	53	13
18	0 7	05	17	15	22	59	12
19	0 7	28	17	32	23	04	11
20	0 7	51	17	48	23	09	10
21	0 8	13	18	04	23	13	9
22	0 8	36	18	20	23	17	8
23	0 8	58	18	35	23	20	
24	0 9	20	18	50	23	23	
25	0 9	43	19	05	23	26	5
26	0 10	05	19	19	23	28	4
27	0 10	26	19	33	23	29	3
28	0 10	48	19	47	23	30	2
29	0 11	9	20	00	23	31	1
30	0 11	31	20	13	23	31	0

Deg. of decl. min.	Deg. of decl. min.	Deg. of decl. min.
North. Virgo	South. Pisces.	North. Leo	South. Aquarius.	North. Cancer	South Capric

The Explanation and uſe of the foregoing Table.

1. The word [Northward] over the names of thoſe ſix Signs, *Aries*, *Taurus*, *Gemini*, *Cancer*, *Leo* and *Virgo*, ſhew that when ever the Sun is in any of thoſe ſigns, his Declination is ever Northward from the Æquator. In like manner the word [Southward] over the reſt of the Signs, ſhews, that when he is in any of thoſe Signs, *viz. Libra*, *Scorpio*, *Sagittarius*, *Capricorn*, *Aquarius*, or *Piſces*, his Declination is ever Southwardly.

2. The degrees belonging to the ſigns on the head of the Table muſt be ſought in the firſt Column downward; but thoſe belonging to the Signs at the foot of the Table, are to be found in the laſt Column upward.

3. To find the Suns Declination in any Northern ſign, Find the Suns place in the third Column of the Kalender, then entring the foregoing Tables find the ſame Sign and Degrees, then the Angle which it maketh with the Degree found, ſhews the Degrees of Declination, and the number next after it in the ſame line ſhews the minutes.

Examples.

May the 16. the Suns place in the Kalender is the 4. degree of *Gemini*; then finding *Gemini* on the top of this Table, and 4 in the firſt Column, the Angle where they meet gives me 21 degrees, and the next number in the ſame line is 01, which ſhews the min. Hence I conclude that *May* 16. The Sun declines Northerly 21 deg. 01 min. So likewiſe *July* 18. the Sun is in the 7. degree of *Leo*, and in the common Angle made by him and his 7. degree (found in the laſt Column of this Table upwards) I find 18 degrees, and the next number following in that line gives me 35 min.

4. But if Southern Signs be enquired after, the common Angle made by the ſign, and its degree gives the minutes, and the number next before in the ſame line ſhews the degrees.

Examples

Examples.

Jan. 13. The Suns place in the Ecliptick is the third deg. of *Aquarius*, now in this Table *Aquarius* and his third degree in their common Angle give us 33. which are the odd minutes, and the number 19 next preceding in the same line signifieth the degrees. Whence I conclude, that *Jan.* 13. the Sun declines 19 deg. and 33 min. Southward. In like manner, *Novemb.* 1. the Sun being in the 21 deg. of *Scorpio*, his declination from the Equator is found by this Table to be 18 deg. 4 min. Southward.

5. Four new Problemes concerning Interest and Annuities in the Logarithmetical way.

Prob. I.

To find the time wherein a given sum of mony will be encreased to any sum required at any rate of compound interest.

The Rule.

Subtract the Logarithme of the less sum out of the Logarithm of the greater. Their difference being divided by the Logarithm of one pound, and its interest for a year (usually called the Logarithm of the rate) gives the time.

An Example by way of Answer to a Question.

Quest. In what time will 100 pounds amount to 200 at 6 *per cent.* compound Interest ?

Answ. In 11⌊974 years or 11 years, 11 months and 20 days, as here appears,

Log. of 200---——2.30302999
Log. of 100---——2.00000000
Log. of 1⌊06-2530586) diff. 30302999 (11⌊974

2530586
4997139
2530586
24665530
22775274
18902560
17714102
11884580
10122344
1762236

⌊974
12
1948
974
11⌊688
30
20⌊640

Prob. II.

To find the time wherein a yearly payment given will raise a required stock at any rate of compound Interest.

The Rule.

Suppose the yearly payment to be the Interest of a sum of mony, and by the Rule of three find a correspondent principal; which being done, add that princial to the stock required, and from the Log. of their sum subtracting the Log. of the said principal, that difference divided by the Logarithm of the rate shews the time. As in this Example following.

Quest. In what time will 30 *l. per annum* raise a stock of 400 *l.* at 6 *per cent.* Compound Interest?

Ans. In 10⌊087, or 10 years, 1 month, 1 day, *&c.* as here appears.

The First work.

```
6.        100 ::        30
            30
        6)3000 (500
          30
          000
```

```
500
400
900==
```

The Second work.

```
                2. 95424251  Log. of 900
                2. 69897000  Log. of 500
Log. of rate 2530586) 25527251  Diff.  10⌊087
                      2530586            12
                       22139100          174
                       20244688           87
                        18944120        1⌊044
                        17714102           30
                         1230018        1⌊320
```

Prob.

Prob. III.

To find the time wherein a yearly payment will pay off a (possible) debt at any rate of Compound Interest.

The Rule.

Having found out the correspondent Principal (as in the former Probleme) subtract the Debt out of the Correspondent Principal, and the Log. of their difference from the Logarithm of the said principal. This difference of the Logarithms divided by the Logarithm of the rate shews the time. As in this Example.

Quest. In what time will a yearly rent of 57 *l.* pay off a debt of 740 *l.* at 6 *per Cent.* Compound Interest?

Ans. In 25|903 years, or (by Reduction) 25 year, 10 months, and 25 days, &c. as here is evident.

The First work.

```
6.        100 ::        57
           57
          700
          500
        6) 5700 (950
          54
          30
          30
          00

950
740
210
```

The Second work.

```
                2. 97772361 Log. of 950
                2. 32221929 Log. of 210
L. R. 2530586.) 65550432 Difference        (25|903
                5061172                        12
                14938712                     1806
                12652930                      903
                 22857820                   10|836
                 22775274                      30
                   8254600                  25|080
                   7591758
                    662842
```

Brevity confines me to single examples, and those all at 6 *per cent.* (the legal rate) but I intend hereafter more variety for rates of Interest and manners of payment, by half years, quarters, months, weeks or days.

Prob. IV.

To find what rate of Interest upon Interest is paid for the purchase-mony, when an annual rent is purchased for years to come, in consideration of a sum paid down in hand.

There is a Probleme in some learned mens works, seemingly of the same importance with this, but indeed much different both in the design and effect; which because I cannot here have convenient room to discourse at large (nor will it need to the ingenious) I shall briefly open, by answering a plain question and resolving a doubt or two thereupon emerging, before I come to lay down my Rule.

Qu. Supposing *A.* living in *Ireland* (where Usury is not so limited as here) lends out 100 *l.* for 7 years; to receive at the end thereof his 100 *l.* again with compound Interest (or Interest upon Interest) at 8 *per cent.* And *B.* (resolving to keep himself and his mony in *England*) lays out 100 *l.* upon a Farm for 7 years, which will just clear him 20 *l. per an.* payable at the end of each year: Whether is *A.* or *B.* to receive the higher Interest for his mony by vertue of the above mentioned bargains?

Ans. To answer this I must proceed by steps thus,

1. *A.* is to receive 171 l. 382 or 171 *l.* 7 *s.* 7 *d.* 3*q.* and consequently if *B.* do not receive equivolent, to this aggregate his rate of Interest is lower.

2. *B.* is to receive 140 *l.* by 20 *l. per an.* and besides hath the advantage to improve the several 20 pounds from the time of their payment to the end of the Term.

3. These yearly payments must be computed at some certain rate of Compound Interest; for to compute them without respect to a rate of Interest, or to take up one arbitrarity is to shoot at Rovers: And simple interest none that understands these things can possibly account proper for this case.

4. The rate tolerated by the Stat. being 6 *per cent.* (less then which no Usurer will take, and above which he dares not (expressly bind any one to give, nor needs any responsible man to do it, for enow will fit him at that rate) is to be preferred in this case before any other imaginable rate whatsoever.

5. These yearly payments of 20 *l.* a piece being improved from

from the time of their becoming due to the end of the Term of 7 years at the rate of *6 per cent. C.I.* amount but to 157l. 87s. 6d. or 167l. 17s. 6d. q. which being less then the 171l. 7s. 7d. 3q. which *A.* was to receive, shews plainly that *B.* is not to receive after so high a rate as *8 per cent.* (compound interest) for his mony. What of all this can be rationally denied, I confess my self to be ignorant, but two Objections there are which seem worthy to be taken notice of.

1. *Obj.* According to the method used by some learned men in resolving such questions as these, *B.* should receive after the rate of 9l. 3s. 4d. (componnd interest) and somewhat more, and at their rate when exactly adjusted (whether in the Algebraick or position way) The stock and yearly payments being improved severally, they will exactly ballance one another.

Sol. I deny not but Learned men have used such methods, nor that their conclusions may be true, as they, for ought I know, intend them, *viz.* according to the sence of the next objection. But I deny that method to be proper for resolving such questions as this before us, and that for the very same reason, which seems to give it some strength (in the close of the objection) but indeed quite overthrows it; For,

1. This supposeth that which is impracticable for these yearly payments according to this Hypothesis (which cannot be gain-said) does not ballance the stock, improved at the rate of 9l. 3s. 4d. (*C.I.*) except they themselves be also improved at the same rate. And where shall *B.* find customers that are solvent to take his yearly rent off his hands at so high a rate? or if he could, how dare he covenant so expressly against the Statute?

2. Suppose he could so improve it, and contrive a way to elude the Law; this excessive gain ariseth from new oppressive bargains, and not meerly from the first, as the question imports. The yearly payments are really computable at *6 per cent*, only, and if any through his folly or necessity give twice so much, this advanceth not their true worth one farthing.

3. Though I am no patron for usury, much less extortion, yet I must needs say, it seems to me great injustice to tax any man with such excessive rates of Interest, when all he receives will not reach it unless we compute it at as illegal a rate as we conceive he improved the Stock; and so imagine such an improvement of the rent as is so far from being safe and certain, that it is highly improbable, yea in all cases morally (and all ordinary ones naturally) impossible.

2. *Obj.* If 100 *l.* be lent out at 9 *l.* 3 *s.* 4 *d.* and 20 *l.* subtracted out of the ſtock and Intereſt at the years end, the reſidue will be 89 *l.* 3 *s.* 4 *d.* And if that be improved after the ſame rate, and 20 *l.* ſubtracted out of it, and ſo on while any thing remaineth, the ſeventh 20 *l.* will clear off the laſt remainder of the 100 *l.* with its intereſt at that rate, or very near under or over.

Sol. Admit all this; it wounds not my principles at all: for the queſtion is of the rule of Intereſt for the whole ſtock, during the whole term of ſeven years, not of part of the ſtock or part of the term. Now it is as plain as Noon-day, that (as this objection ſtates the caſe) the whole 100 *l.* is only to be paid for at that rate for one year, and then 10 *l.* 16 *s.* 8 *d.* abated out of it, which together with the intereſt for the firſt year is caſt upon the Uſurers hands to improve as he can: which legally and ordinarily will not exceed the rate of 6 *per cent.* The ſecond year there is a far greater gaſh made in the ſtock, the third a far greater then that, and ſo to the end. So that every year, all the intereſt and ſo much of the ſtock as makes it up 20 *l.* is cut off from the old rate, and ſent out to ſhift for it ſelf at what rates it can. Whereas *A.* hath all his ſtock and intereſt growing at the rate of 8 *per cent.* during the whole term.

Againſt the charge of novelty and ſingularity, I ſhall only oppoſe the truth and uſefulneſs of the following rule.

The Rule.

Find the arrerages of all the payments at the rate of Intereſt tolerated by the Statute (which at preſent is 6 *per cent.*) then from the Logarithm of theſe arrerages ſubtract the Log. of the ſtock laid out, dividing their difference by the time, that quotient added to the Log. of 100. gives the Log. of 100 with the rate of Intereſt.

Example.

In the caſe before us (in the ordinary ways uſed by Artiſts) I find that 20 *l. per annum* at 6 *per cent.* compound Intereſt, will in 7 years amount to 167[87666 the Log. whereof is 2.22499031. from which ſubtracting 2.0000000 (the Log. of 100) the difference, is 22499031, which being divided by 7 (the number of years) the quotient is 3214147, and that added

added to the Log. of 100, makes it 2.03214147 the Log. of 107 l. 6815 or 107 l. 13 s. 7 d. Obj. shewing the rate of Interest to be 7 l. 13 s. 7 d. ob. *per cent.* as appears by this Scheme of the works.

The First work.

6. 100 :: 20
20
6) 2000 00000
333 33333

The Second work.

0.02530586—Log. of the rate
7—Number of years
0.17714102—Product
2.52287873—Log. of 333 33331
2.70001975—Log. of 501 21...
333 33333
107 87066

The Third work.

107 87666——2.22499031
2.00000000
7)22499031
3214147
20000000
2.03214147——107 6815

To find what day of the week every month in the year begins, and consequently any other day from the birth of Christ to the end of the world.

1. *To find on what weekly day* January *begins.*

Divide the preceding year by 4. and add the quotient (not regarding the remain) to that year, which sum being divided by 7. the remainder is the day of the week for New-years day, Lords day being accounted the first, *Monday* the second, *&c.*

if

If nothing remain the first of *January* is upon *Saturday*. According to these instructions it will be upon a *Monday* 1694, and upon a *Saturday* 1698. as here appears.

1693	1697
423	424
7)2116(302	7)2121(303
21	21
016	021
14	21
2	0

This Rule for memory sake is comprised in the following Distich.

A fourth part add to the year last gone,
Divide by 7 e the day rests alone.

This is the first step.

2. To find all other days take this second Distich.

Feb. Mar. Apr. May. June.
Add three, and three, six, one, and four,
Six, two, five, nought, three, and five more.
July. Aug. Sept. Octob. Novemb. Decemb.

The Explanation and use.

Above and below the numbers in these Verses, you have the names of the months to which the numbers in the said Verses are respectively referred, as three to *Feb.* three to *March*, six to *April*, one to *May*, four to *June*, six to *July*, &c. And the plain meaning of the Rule is that whatsoever day of the week New years day falls upon, the addition of the several numbers to the weekly number of that day will shew what day of the week all other months come in, and then any other day is easily found as shall be shewed, only two cautions are to be observ'd.

1. If the numbers added exceed 7. then 7 is to be subtracted, and the rest shews the day of the week.

1. In Leap-year (that is when the year of our Lord can be divided into 4 even parts) you must account *March* and every month

moneth after to come in a day of the week later then will appear by the second Distich which is fitted to the common year.

Examples to make all plain.

1. To know how the 10. of *May* will fall as to the day of the week in the year 1702. I find by the former Distich that the 5. day of the week (or *Thursday*) is that wherein the first of *Jan.* falleth, to which I add 1 the number for *May*, and conclude that will be on the 6. day (or *Friday*) and consequently the second *Friday*, the 8*th.* and Lords day the 10*th.*

2. To find what day of the month the third *Tuesday* in *July* will be the same year.

To 5 which represents the first of *Jan.* I add 6 the number for *July*, and from their sum (which is 11) I subtract 7, and 4 (the remainder) assures me that *Wednesday* is the first day of the month, consequently the first *Tuesday* in the 7th. the second the 14*th.*, and the third the 21*th.*

3. Suppose one would know what day of the week the first of *June* was in the year 1648. I find that *January* came in that year upon a *Saturday*. Then it followeth that the first day of *June* should according to the second Distich be on the 4. day of the week, if it were a common year; but because it is Leap-year, I must allow it a day more, and conclude that *June* the first 1648 was on the fifth day of the week, called *Thursday*.

VII. *Advice touching Posts and Roads, according to S. S.* Morland.

Letters may be sent from *London.*

On *Mondays*, to *France, Spain, Italy, Germany, Flanders, Swideland, Kent and the Downs.*

On *Tuesdays* to *Holland, Germany, Swedeland, Denmark, Ireland Scotland*, all parts of *England* and *Wales.*

On *Wednesdays* to all parts of *Kent* and the *Downs.*

On *Thursdays* to *France, Spain, Italy*, all parts of *Eng.* & *Scotl.*

On *Fridays* to *Flanders, Germany, Italy, Sweden, Denmark, Holland, Kent*, and the *Downs.*

On *Saturdays* to all parts of *England, Wales, Scotl.* and *Irel.* Letters are returned from all parts of *England* certainly every *Monday, Wednesday* and *Friday*; from *Wales* every *Monday* and *Friday*; from *Kent* and the *Downs* every day; But from other places more uncertainly in regard of the Sea.

Post-

Post-Stages.

Northern-Road.	M.	Tot
From *London* to *Waltham-Cross.*	12	12
To *Ware*	08	20
Royston	13	33
Caxton	8	41
Huntington	9	50
Stilton	9	59
Stamford	12	71
Southwicham	8	79
Grantham	8	87
Newark	10	97
Tuxford	10	107
Barnby-Moor	12	119
Doncaster	6	125
Ferrybrigs	10	135
Tadcaster	9	144
York	8	152 *
Borough-bridge	12	164
Northallerton	12	176
Darlington	10	186
Durham	14	200
Newcastle	12	212
Morpeth	12	224
Alnwick	12	236
Belford	12	248
Barwick	12	260
Cockburnspeth	14	274
Haddington	14	288
Edinburgh	12	300

Norwich-Road		
From *Royston* to *Cambridge*	10	10
To *Newmarket*	10	20
Bury	10	30
Thetford	10	40
Attleborough	10	50
Norwich.	12	62

Chester-Road.		
From *London* to *Barnet*	10	10
To *St. Albans*	10	20
Dunstable	10	30
Finny-Stratford	8	38
Towster	12	50
Daventree	10	60
Coventree	14	74
Cobil	8	82
Litchfield	12	94
Stone	15	110
Namptwich	16	126
Chester	14	140
* *Northope*	18	158
Denbigh	12	170
Conway	14	184
Bewmaris	10	194
Holy-Head	24	218

Darby-Road.		
From *Towster* to *Northampton*	6	6
Harborough	12	18
Leicester	12	30
Loughborough	8	38
Derby	12	50

Western-Road.		
From *London* to *Staines.*	16	16
To *Hartford Bridg*		32
Basing-stoke		41
Andover		59
Salisbury		75
Shaftsbury		94
Sherborn		110
Crookhorn		126
Exeter		142

Q.

		M.	Tot
To	Exeter	15	157
	Ilchester	20	177
	Plymouth, &c.	24	201
Portsmouth-Road.			
From Hartford-bridge to Petersfield		10	10
To Portsmouth		24	34
Yarmouth-Road.			
From London to Burnt-wood.		16	16
To	Wicham	18	34
	Colchester	12	46
	Ipswich	16	62
	Saxmundam	16	78
	Beckles	16	94
	Yarmouth	10	104

		M.	Tot
Bristol-Road			
From London to Hartslow		10	10
To	Maiden-head	16	26
	Reading	12	38
	Newbery	16	54
	Marlborough	15	69
	Chippenham	15	84
	Bristol	20	104
Glocester-Road.			
From Maiden-head to Abington		16	16
To	Farrington	15	31
	Cirencester	15	46
	Glocester	18	64
Kentish-Road			
From London to Dartford		14	14
To	Rochester	14	28
	Sitting-burn	12	40
	Canterbury	15	55
	Deale	15	70
	Dover		

In the next Edition of these ways, I intend to annex the new account of miles, as they have been actually measured.

VIII. Courses

VIII.

Courses and Distances by Sea, out of the Coasting Pilot, pag. 38.

		Leag.
From	The North Foreland to the North-end of the Goodwin, the Course is E. by S.	1 1/2
	The North Foreland to the Kentish-knock, N. by E. and N.N.E.	4 or 5
	Thence to Oxfordness, N.	12
	The Foreland to the Galloper, N.E. by N.	9
	The Galloper to Oxfordness, N.N.W.	10
	Alborough to Covehith, N. by E.	5
	Covehithe to Leystaff, N.	2 1/2
	Leystaff to Yarmouth, S.	3
	Yarmouth to Winterton, N.N.W.	2 1/2
	Winterton to Hosborough	2 1/4
	Cromer to Blackness, N.N.W.	3 or 4
	Blackness to Bornham, to sail through within the Sand, W.	6 1/2
	Bornham to Chappel-land, S. S. W.	2 1/2
	Chappel-land to Boston-knock on the N. point, N.W. by N.	5
	Thence to the Spurn, N. and N. by W.	6 1/2
	The Spurn to Hamborough-head, N.N.W.	9

Thwart Courses over the Sea.

From	The North Foreland to Flushing E. somewhat Northerly about.	25 1/2
	The Foreland to the Mase, E.N.E. somewhat East.	33
	The Foreland to the Texel, or the Mase-deep, N. E.	45
	The Naze, or Harwich to the Mase East	29
	Oxfordness to the Texel, E. N. E.	37
	Yarmouth or Leystaff to the Walcheren, or the Weilings, S. E. and S. by S.	39
	The point of Cromer, or Shield to the Texel, E.	41
	The Spurn to the Texel, E. by S. & E.S.E.	59
	Tinmouth to Scutenes, N. E.	103
	Tinmouth to the Naze in Norway, N. E. by E. somewhat Easterly.	102
	Tinmouth to the Scaw, E.N.E.	135
	Tinmouth to Holy Island, E. by S. somewhat E.	106

N.	A	B	N.	A	B	N.	A	B
1	1.		41	81.	27. 9. 3. 1	81	81.	
2	1.	1	42	81.	27. 9. 3.	82	81. 1	
3	3.		43	81. 1	27. 9. 3	83	81. 3	1.
4	3. 1		44	81.	27. 9. 1	84	81. 3.	
5	9.	3. 1	45	81.	27. 9.	85	81. 3. 1.	
6	9.	3	46	81. 1	27. 9	86	81. 9.	3. 1.
7	9. 1.	3	47	81. 3.	27. 9. 1	87	81. 9.	3.
8	9	1	48	81. 3.	27. 9	88	81. 9. 1.	3.
9	9.		49	81. 3. 1	27. 9	89	81. 9.	1
10	9. 1.		50	81	27. 3. 1.	90	81. 9.	
11	9. 3.	1	51	81.	27. 3.	91	81. 9. 1.	
12	9. 3.		52	81. 1	27. 3.	92	81. 9. 3.	1.
13	9. 3. 1		53	81.	27. 1.	93	81. 9. 3.	
14	27.	9. 3. 1	54	81.	27	94	81. 9. 3. 1	
15	27.	9. 3.	55	81. 1	27	95	81. 27.	9. 3. 1
16	27. 1.	9. 3.	56	81. 3	27. 1	96	81. 27.	9. 3.
17	27.	9. 1	57	81. 3.	27	97	81. 27. 1	9. 3.
18	27.	9.	58	81. 3. 1	27	98	81. 27.	9. 1.
19	27. 1	9	59	81. 9.	27. 3. 1.	99	81. 27.	9.
20	27. 3	9. 1	60	81. 9	27. 3.	100	81. 27. 1	9.
21	27. 3.	9	61	81. 9. 1	27. 3.	101	81. 27. 3.	9. 1.
22	27. 3. 1	9	62	81. 9.	27. 1	102	81. 27. 3.	9.
23	27.	3. 1.	63	81. 9.	27	103	81. 27. 3. 1	9.
24	27.	3.	64	81. 9. 1	27	104	81. 27.	3. 1.
25	27. 1	3.	65	81. 9. 3	27. 1	105	81. 27.	3.
26	27.	1	66	81. 9. 3.	27.	106	81. 27. 1.	
27	27.		67	81. 9. 3. 1.	27.	107	81. 27.	
28	27. 1		68	81.	9. 3. 1	108	81. 27.	3. 1
29	27. 3.	1	69	81.	9. 3	109	81. 27. 1.	3.
30	27. 3.		70	81. 1.	9. 3	110	81. 27. 3.	3.
31	27. 3. 1		71	81.	9. 1	111	81. 27. 3.	
32	27. 9	3. 1.	72	81.	9	112	81. 27. 3. 1	
33	27. 9.	3.	73	81. 1.	9	113	81. 27. 9.	3. 1
34	27. 9. 1	3	74	81. 3.	9. 1	114	81. 27. 9.	3.
35	27. 9	1	75	81. 3.	9.	115	81. 27. 9. 1	3.
36	27. 9		76	81. 3. 1.		111	81. 27. 9.	1
37	27. 9. 1		77	81.	1	117	81. 27. 9.	
38	27. 9. 3	1	78	81.		118	81. 27. 9. 1.	
39	27. 9. 3.		79	81. 1	3	119	81. 27. 9. 3.	1
40	27. 9. 3. 1		80	81.	1	120	81. 27. 9. 3.	
						121	81. 27. 9. 3. 1.	

The use of the foregoing Table.

Having 5 Weights containing 1 *l.* 3 *l.* 9 *l.* 27 *l.* and 81 *l.* you may exactly weigh any number of pounds not exceeding 121, by the directions following.

1. Here are three small Columns, noted at the head with N. for the number of pounds from 1 to 121.

2. To every one of those small Columns are adjoyned two larges, noted with A. and B. The Letter A. standing for the Weighing Scale, wherein nothing is to be put but known weights. B. for the weighed Scale (as I may call it) where the commodity to be weighed must be put, with such weights as are in that Column mentioned.

Examples.

1. Suppose I were to weigh 56 *l.* weight of any commodity, as Hay, Wool, Hops, *&c.* finding 56 in the second of these small Columns, noted with N. I see that if I put into one scale 81 and 3. And into the other 27 and 1. so much of the commodity as will even the Scales, will be 56 *l.* weight.

2. If in weighing such a Commodity as must not be divided, but go whole together, as a Flitch of Bacon, pot of hony *&c.* I find in A. (the weighing Scale) 81 and 27. and in B. the weighed scale (wherein the Commodity is) 9. 3. and 1. The small Column before them noted with N. shews the commodity weighs 95 *l.*

Note, that 4 of these weights, *viz.* 1. 3. 9. and 27 will weigh any thing not exceeding 40 *l.* and three of them, *viz.* 1. 3. and 9. any thing not exceeding 13. as appears in the first three Columns.

For parts of pounds, as quarters, ounces, *&c.* where so much exactness is required, they must be provided over and above the foresaid weights.

Note also that in these Directions it is not intended that there shall be any difference between the scales, or that the one should be over accounted A: and the other B. But which soever containeth nothing but the known weights, is for that time accounted A. or the weighing scale, and consequently that B. that contains the commodity to be weighed.

FINIS.

A·865.